

ecology and environment, inc.

108 SOUTH WASHINGTON, SUITE 302, SEATTLE, WASHINGTON 98104, TEL. 206-624-9537

International Specialists in the Environmental Sciences

K

M E M O R A N D U M

DATE: January 21, 1985

TO: John Osborn, RPO, USEPA, Region X

FROM: Bill Ritthaler, E&E, Seattle *WR*

THRU: Dave Buecker, FIT RPM, E&E Seattle *AB*

SUBJ: Site Inspection Reports

Please find enclosed herewith two copies of each of the following site inspections. If you have any questions please call me.

<u>Site</u>	<u>TDD R10-</u>
Pacific States Galvanizing	8408-03
Harbor Oil	8408-04
Dant and Russell, Inc.	8408-05
Lynden Airport	8408-09
Northside Landfill	8408-18
Southside Landfill	8408-19
Norris Paint and Varnish	8408-37
Day Island Landfill	8408-40
S. Willamette Land Clearing	8408-41
Resource Recovery Corporation	8408-22

USEPA SF



1452404

E

WORK/QUALITY ASSURANCE PLAN

PROJECT NAME: SITE INSPECTION/GRAB SAMPLING

TDD Nos. R10-8408-03 THRU -05 and

R10-8408-09 THRU -41

PROJECT OFFICER: J. E. OSBORN

QA OFFICER: WILLIAM TOWNS

PROJECT CODE:

DATE INITIATED:

DATE APPROVED:

APPROVALS:

PROJECT OFFICER *J. E. Osborn* DATE *9/11/84*

QA OFFICER *B. J. Towns* DATE *9/11/84*

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1.0 Project Description	1
2.0 Project Organization	1
3.0 Analytical Requirements	1
4.0 Sampling Procedures	3
5.0 Sample Custody Procedures	7
6.0 Calibration Procedures, Maintenance and Frequency	8
7.0 Analytical Procedures	8
8.0 Data Reduction, Validation, and Reporting	8
9.0 Internal Quality Control Checks	9
10.0 Performance and System Audits	10
11.0 Objective and Routine Procedures Used to Assess Data Precision, Accuracy, and Completeness	10
12.0 Corrective Action	10
13.0 Quality Assurance Reports	10

LIST OF TABLES

Table 1.1 Projections of Sample Loading for Washington/Oregon Site Inspections	2
Table 3.1 Tentative Analytical Requirements	3
Table 3.2 Sample Handling Requirements	4
Table 4.1 Schedule of Tasks and Products	6

1.0 PROJECT DESCRIPTION

1.1 Objective and Scope

Ecology and Environment, Inc.'s Field Investigation Team has been tasked under TODs R10-8408-03 thru 05 and R10-8408-09 thru -41 to perform site inspections and ad hoc multi-media grab sampling at facilities in the states of Washington and Oregon. Depending upon the environmental setting and nature of the hazard, soil, sediment, surface water, and/or groundwater samples may be collected. The estimated level of effort is outlined in Table 1.1.

1.2 Data Usage

The analytical data will be used to aid in determining the need for comprehensive sampling at sites proven to have elevated levels of contaminants.

1.3 Sample Collection Design and Rationale

Tentative sampling locations and methods have been determined after review of available site files, site visits and discussions with facility personnel. Final determination will be made in the field by the team members and documented in field log books and the site inspection report.

2.0 PROJECT ORGANIZATION

Project Manager (E&E)	<u>Western Wash. (K. Drew), Central Wash (P. Evers), Eastern Wash. (T. Tobin), Oregon (T. Tobin, J. Pitts)</u>
Project Officer (EPA)	<u>J. Osborn</u>
QA Officer (EPA)	<u>W. Towns</u>
Laboratory Support (EPA)	<u>CLP, EPA X, FIT Field Screening</u>
Data Quality Review (E&E)	<u>J. Farr</u>

3.0 ANALYTICAL REQUIREMENTS

Site specific requirements and restrictive CLP allocations may require the use of non-CLP laboratories. Optional mechanisms anticipated include use of the EPA Region X Laboratory or field screening techniques using a Shimadzu gas chromatograph. CLP-destined samples will be either through RAS or SAS routes. Sample matrices may be either soil or water.

TABLE 1.1
PROJECTIONS OF SAMPLE LOADING FOR WASHINGTON/OREGON SITE INSPECTIONS

<u>Site</u>	<u>TDD</u>	<u>#Samples /Soil</u>	<u>#Samples /Water</u>	<u>Week of</u>
1. Pacific States Galvanizing	R10-8408-03	---	---	---
2. Harbor Oil	R10-8408-04	2	2	9/1
3. Dant and Russell	R10-8408-05	3	2	9/1
4. Lynden Airport	R10-8408-09	---	5	9/1
5. Tulalip Indian Reservation	R10-8408-10	---	3-4	9/2-8
6. Sunset Park/Tub Lake	R10-8408-11	0	0	---
7. N.W. Transformer	R10-8408-12	---	3-4	9/1
8. Brem Air Service	R10-8408-13	---	8	9/4
9. Ostrom Mushroom	R10-8408-14	4	4	9/1
10. Amanda Park	R10-8408-15	---	6	9/1
11. Olympic Testing	R10-8408-16	2	3	9/5
12. Spokane Steel Foundry	R10-8408-17	2	---	9/1
13. Indian Trails Landfill	R10-8408-18	---	2	9/1
14. Southside Landfill	R10-8408-19	---	2	9/1
15. Inland Foundry	R10-8408-20	---	---	9/1
16. Mica Landfill	R10-8408-21	---	2	9/1
17. Resource Recovery Corp.	R10-8408-22	---	3	9/12
18. Silver Mountain Mine	R10-8408-23	2	2	9/4
19. Nighthawk Mine Tailings	R10-8408-24	2	---	9/5
20. Peshastin Creek	R10-8408-25	2	---	9/13
21. Ellisford Landfill (SAS)	R10-8408-26	3	5	9/5-6
22. Koppers/Crown Zellerbach	R10-8408-27	3	---	9/1
23. Permapost	R10-8408-28	5	---	9/2-8
24. International Paper	R10-8408-29	4/6	---	9/2-8
25. Old Albany Landfill	R10-8408-30	3	1	9/2-8
26. Owens Corning	R10-8408-31	3	---	9/1
27. Nurnberg Scientific	R10-8408-32	---	2	9/9-15
28. Schultz Sanitation	R10-8408-33	3	---	9/9-15
29. J.H. Baxter	R10-8408-34	4/6	---	9/2-8
30. Nosler Bullets	R10-8408-35	3	---	9/9-15
31. Champion International	R10-8408-36	2	---	9/9-15
32. Norris Paint & Varnish	R10-8408-37	3	---	9/2-8
33. Salem Landfill	R10-8408-38	5	---	9/2-8
34. J.H. Baxter-Eugene	R10-8408-39	4/6	---	9/9-15
35. Day Island Sanitary Ldfl.	R10-8408-40	3	---	9/9-15
36. S. Willamette Sanitary Ldfl.	R10-8408-41	3	---	9/9-15

TABLE 3.1
TENTATIVE ANALYTICAL REQUIREMENTS

Parameter	Estimated Number of Samples*		Collection Frequency
	Soil	Water	
o Priority Pollutants	71	42	Grab
o Volatile Organics	--	--	Grab
o BNA	--	--	Grab
o Pesticides	--	--	Grab
o PCB	--	3	Grab
o Inorganic Series	--	--	Grab
o SAS Pesticides	4	4	Grab

*Including blanks

Glassware has been prepared by the CLP Bottle Repository network. Sample handling requirements are presented in Table 3.2

4.0 SAMPLING PROCEDURES

Sampling procedures will conform to those specified in EPA Region X Manual of Sampling Hazardous Materials (March, 1983), the Sample Management Office User's Guide to the EPA Contract Laboratory Program (July, 1984), the NEIC Policies and Procedures Manual (May, 1978), and the EPA methods for Investigating Sites Containing Hazardous Substances Technical Monographs (Draft, 1981). These documents specify sampling procedures and equipment for various sampling media and hazardous materials, sample container preparation, and sample preservation methods. Should conditions require any variation from these procedures the attached Sampling Alteration checklist will be used to describe changes from standard procedures. A schedule of tasks and products appears as Table 4.1.

Sampling sites will be selected to ensure that a representative portion of the sampling media is analyzed. Field sampling will be documented in Field Logbooks maintained by the Field Investigation Team members.

Medium and high concentration hazardous materials samples will not be preserved. No reagents or ice will be used when bottling samples that are suspected to be hazardous. These samples must be packaged and

SAMPLING ALTERATION CHECKLIST

Site Name: _____ TDD No. _____

Material to be Sampled: _____

Measurement Parameter: _____

Standard Procedure for Sample Collection or Analysis: _____

Reference: _____

Variation from Standard Procedure: _____

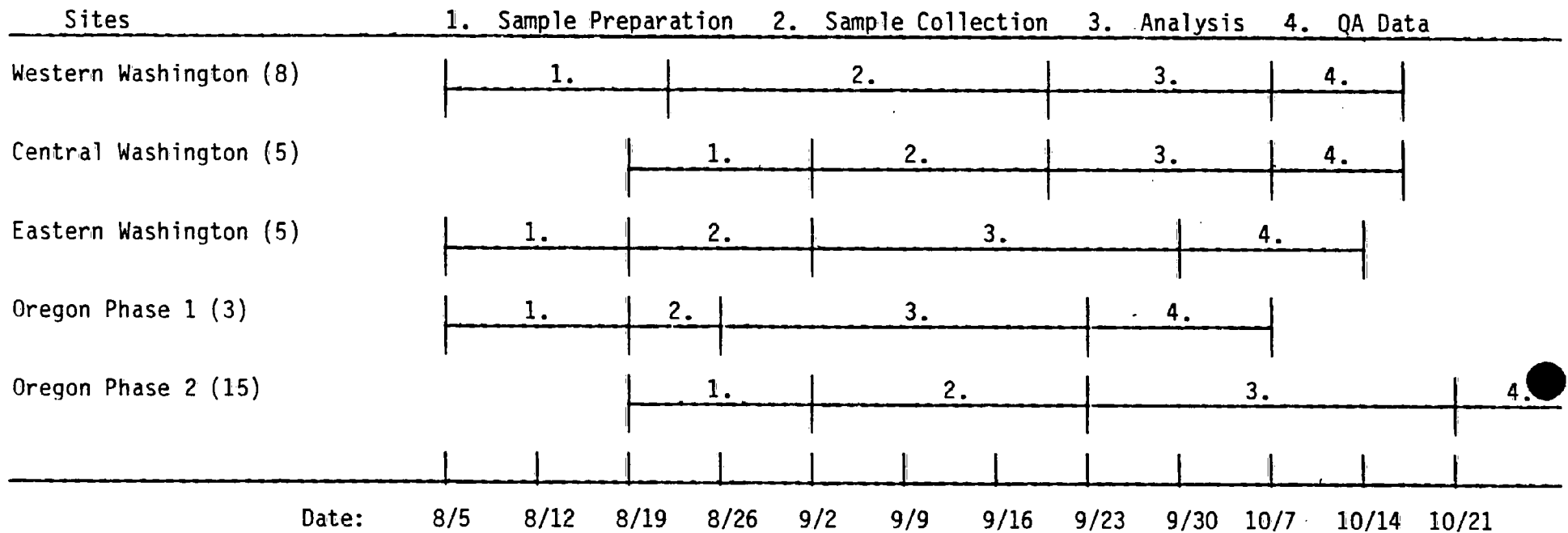
Reason for Variation: _____

Resultant Change in Field Sampling Procedure: _____

Special Equipment, Material, or Personnel Required: _____

Investigator's Name: _____ Date: _____

TABLE 4.1
SCHEDULE OF TASKS AND PRODUCTS



labeled according to Department of Transportation regulations and shipped immediately to the receiving laboratory. Information on preserving environmental samples (collected offsite or where concentrations are reduced by dilution) is presented in the Region X Manual for Sampling Hazardous Materials (March, 1983).

4.1 Soils/Sediments

Soil/sediment samples will be either composite or discrete grab samples collected from areas of obvious or suspected contamination. Disposable stainless-steel trowels, spoons, scoops, and mixing containers will be used for surface soils. Shallow subsurface samples will be collected with a hand auger from cuttings at the appropriate depth intervals.

4.2 Surface Water/Leachate

Surface water/leachate samples will be collected in rinsed/ prepared containers or glassware and decanted into appropriately sized sample containers. Jars attached to extension poles or simply submerging the collection vessels under the water will be the predominant collection methods.

4.3 Groundwater

In wells with existing downhole pumps an estimated 3-5 well volumes will be removed prior to collecting a sample for the discharge port. Efforts will be made to obtain the samples upstream of the pressure tank in domestic wells. Wells without downhole pumps will be bailed by hand with a top-filling teflon bailer until it is reasonably assumed that groundwater representative of the aquifer can be obtained. In other locations a non-contact bladder-type pump will be used. The sample will be decanted into the appropriate sample containers.

5.0 SAMPLE CUSTODY PROCEDURES

Although samples collected during these Site Inspections are primarily to be used as screening tools to determine the need for additional sampling, the potential evidentiary nature of the samples requires that the possession of samples must be traceable from the time the samples are collected until they are introduced as evidence in enforcement proceedings. The Region X Manual for Sampling Hazardous Materials (March, 1983) specifies the distribution and use of logbooks, sample tags, and chain-of-custody records. Laboratory documentation will follow procedures outlined in the SMO User's Guide to the EPA Contract Laboratory Program (July, 1984). Examples of tags, labels, and standardized reporting forms are found in the Region X Manual for Sampling Hazardous Materials (March, 1983).

6.0 CALIBRATION PROCEDURES, MAINTENANCE AND FREQUENCY

No instruments will be used during sample collection. Shimadzu gas chromatograph calibration and operation will be consistent with Shimadzu Corporation Manuals for Gas Chromatograph GC-Mini 2 with Flame Ionization and Electron Capture Detector.

7.0 ANALYTICAL PROCEDURES

The EPA Routine Analytical Services (RAS) program provides laboratory services for uniform and high volume analysis of samples collected during hazardous materials incidents. Laboratories participating in this program are under contract to analyze specified types of samples in accordance with standardized protocols and delivery schedules (SMO User's Guide to the EPA Contract Laboratory Program, July, 1984). As new analytical requirements are identified, the RAS will obtain laboratory services to support the analysis of additional types of samples as well as increasing numbers of samples collected under Superfund and other program activities.

The Special Analytical Services (SAS) program is designed to complement the Routine Analytical Services program by providing the capability for specialized or custom analytical requirements. Sample analyses under the SAS program are performed by laboratory currently in the Contract Laboratory Program (CLP) and are subject to the same quality assurance and document control requirements stipulated for standardized analyses.

The EPA Region X Laboratory utilizes EPA Test Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater (EPA-600/4-82-057) and Test Methods for Evaluating Solid Wastes (EPA SW 846-1980) following SMO guidelines for data quality assurance and document control.

Analytical procedures for operation of the Shimadzu GC for field screening PCB-contaminated water and soil samples are reported under E&E TDD No. R10-8402-09.

8.0 DATA REDUCTION, VALIDATION, AND REPORTING

All samples collected in conjunction with the Site Inspections will be promptly packaged and shipped according to Department of Transportation regulations to a contract laboratory specified by the EPA for analytical services. By utilizing program procedures and resources, all sampling logistics, tracking documentation and final data formats will be consistent and parallel. Exceptions to this mechanism may arise if space is not available within the CLP to handle the proposed load. In this event, samples will be preserved by the appropriate collection preservation technique until the analyses can be run.

All samples will be accompanied by a Field Data Sheet and a copy of the Chain-of-Custody record. Samples destined for the EPA lab will also have Analysis Request forms. Forms will be sealed inside ziplock bags and taped to the inside lid of the shipping container. In addition, field notes and Field Data sheets will be used to document sampling activity. All sample analyses will be provided to J.E. Osborn FIT RPO, Field Operations Branch, EPA Region X. Summary reports will document sampling methods, locations, and site-specific requirements.

9.0 INTERNAL QUALITY CONTROL CHECKS

The Region X Field Investigation Team will follow guidelines established in the Region X Manual for Sampling Hazardous Materials (March, 1983) and the EPA Handbook for Analytical Quality Control in Waste and Wastewater Laboratories (March, 1979), regarding the responsibilities of field personnel for the collection of quality control samples. Internal quality control within the laboratory will follow recommendations of the EPA handbook referenced above and the SMO User's Guide to the EPA Contract Laboratory Program (July, 1984).

Duplicate field samples, transfer blanks, transport blanks, and background samples will be collected as necessary to verify sample quality. Spiking of samples to measure changes during shipping or to assess laboratory accuracy is not anticipated. Sample blanks will be prepared routinely and used to measure contamination of sample containers during shipping and handling.

Preservatives will generally not be used for inorganic parameters. Refrigeration of samples will be used for soils and organic parameter water samples where conditions and sample characteristics permit.

10.0 PERFORMANCE AND SYSTEM AUDITS

Regional EPA laboratories or contract facilities used by FIT personnel are required to take part in a series of performance and system audits conducted by the National Enforcement Investigations Center (NEIC). Laboratory quality control data and performance evaluations will be submitted along with analytical results for assessment by program reviewers.

Performance and system audits for FIT sampling operations will consist of onsite reviews of field quality assurance systems and equipment for sampling, calibration, and measurement consistent with the Zone II REM/FIT Quality Assurance Manual (Contract No. 68-01-6682). The program Quality Assurance Coordinator will develop and conduct system audits based on the approved project plan. Audits will follow guidelines provided by the NEIC for performing audits of field activities.

11.0 OBJECTIVES AND ROUTINE PROCEDURES USED TO ASSESS DATA PRECISION, ACCURACY, AND COMPLETENESS

Measurement parameters vary widely depending upon the site, the type and concentration of material, and the media to be sampled. Precision and accuracy will be evaluated by sampling teams and QA data reviewers. In all instances representativeness and comparability of data will be assured following the sampling procedures detailed in Region X Manual for Sampling Hazardous Materials (March, 1983) and the Zone II REM/FIT Quality Assurance Manual.

Because the sampling objectives are screening in nature and the grab sampling is limited in scope it is not felt that statistical analyses or significance testing will be required. Quality assured analytical results will be compared to established guidelines, standards, and criteria for interpretation.

12.0 CORRECTIVE ACTION

Corrective action will be taken by the Field Investigation Team when data are found to be outside the predetermined limits of acceptability. In most instances, corrective actions will be initiated by the program Quality Assurance Coordinator. Prior to undertaking corrective actions, remedial plans should be reviewed and approved by the Project Manager. The EPA Region X Quality Assurance Officer may be consulted if means of correcting data quality problems are not clear.

Corrective actions may also result from field performance and systems audits. If audits reveal problems in maintenance of data quality; the person responsible for initiating the actions, the actions themselves, and the individual responsible for approval will be identified.

13.0 QUALITY ASSURANCE REPORTS

Reports to J.E. Osborn, FIT RPO, regarding the status of quality assurance activities for FIT sampling will be submitted on an as requested basis throughout the Site Inspections. Site Inspection reports will contain current information regarding data accuracy, precision, and completeness for specific sites. Results of systems and performance audits will be presented along with significant quality assurance problems that arise during the project period in an independent report, if necessary. Recommended solutions to the problems and corrective actions will be discussed. Quality assurance reports will be prepared by the project's respective Project Managers.

**FEDERAL
EXPRESS**PLEASE COMPLETE ALL INFORMATION IN THE 5 BLOCKS OUTLINED IN ORANGE.
SEE BACK OF FORM FOR COMPLETE PREPARATION INSTRUCTIONS.

778267490



70981

YOUR FEDERAL EXPRESS ACCOUNT NUMBER

0981-1759-8

DATE

9/12/81

TO (Recipient's Name)

Bill Jess

If Hold For Pick-Up or Saturday Delivery,
Recipient's Phone Number

COMPANY

FEDCO ENVIRONMENTAL, INC.

DEPARTMENT/FLOOR NO.

STREET ADDRESS (P.O. BOX NUMBERS ARE NOT DELIVERABLE)

11499 CHESTER RD

CITY

CUMMINGS

STATE

OH

FROM (Your Name)

COMPANY

DEPARTMENT/FLOOR NO.

ECOLOGY & ENVIRONMENT INC

STREET ADDRESS

108 S WASHINGTON STE 302

CITY

SEATTLE

STATE

WA

AIRBILL NO.

778267490

ZIP ACCURATE ZIP CODE REQUIRED
FOR CORRECT INVOICING

98104

IN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT
F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL
OR CONSEQUENTIAL DAMAGES ARISING FROMZIP ACCURATE ZIP CODE REQUIRED
FOR OVERNIGHT DELIVERY

45286

YOUR NOTES/REFERENCE NUMBERS (FIRST 12 CHARACTERS WILL ALSO APPEAR ON INVOICE)

PAYMENT ☐ Bill Shipper☐ Bill Recipient's F.E.C. Acct.☒ Bill 3rd Party F.E.C. Acct.☐ Bill Credit Card☐ Cash in Advance

Account Number/Credit Card Number

0200-7751-4

CARRIAGE HEREOF. F.E.C. DIS-
CLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH
RESPECT TO THIS SHIPMENT. THIS IS A NON-NEGOTIABLE
AIRBILL SUBJECT TO CONDITIONS OF CONTRACT SET FORTH
ON REVERSE OF SHIPPER'S COPY. UNLESS YOU DECLARE A
HIGHER VALUE, THE LIABILITY OF FEDERAL EXPRESS COR-
PORATION IS LIMITED TO \$100.00. FEDERAL EXPRESS DOES
NOT CARRY CARGO LIABILITY INSURANCE.

FEDERAL EXPRESS USE

FREIGHT CHARGES

DECLARED VALUE CHARGE

AGT/PRO

AGT/PRO

OTHER

TOTAL CHARGES

PART
#2041730751
FEC-S-0751 D/O/B
REVISION DATE
2/83 S
PRINTED U.S.A.SERVICES
CHECK ONLY ONE BOXDELIVERY AND SPECIAL HANDLING
CHECK SERVICES REQUIREDPACKAGES WEIGHT DECLARED
VALUE Q/S

PRIORITY 1

OVERNIGHT LETTER

1 ☐ OVERNIGHT PACKAGES
(Up to 70 LBS.)6 ☐ (Up to 2 OZ.)

COURIER PAK

7 ☐2 ☐ OVERNIGHT ENVELOPE
(Up to 2 LBS.)8 ☐3 ☐ OVERNIGHT BOX
(Up to 5 LBS.)9 ☐4 ☐ OVERNIGHT TUBE
(Up to 5 LBS.)

STANDARD AIR

5 ☐ DELIVERY 2ND BUSINESS
DAY FOLLOWING PICK-UP
(Up to 5 LBS.)1 ☐ HOLD FOR PICK-UP AT FOLLOWING
FEDERAL EXPRESS LOCATION SHOWN
IN SERVICE GUIDE. RECIPIENT'S
PHONE NUMBER IS REQUIRED.2 ☒ DELIVER3 ☐ SATURDAY SERVICE REQUIRED
See Reverse (Extra charge applies for delivery.)4 ☐ RESTRICTED ARTICLES SERVICE (P-1 and
Standard Air Packages only, extra charge)5 ☐ SSS (Signature Security Service
required, extra charge applies)6 ☐ DRY ICE LBS.7 ☐ OTHER SPECIAL SERVICE8 ☐9 ☐

TOTAL TOTAL TOTAL

RECEIVED AT

SHIPPER'S DOOR
☐ REGULAR STOP
☐ ON-CALL STOP
☐ F.E.C. LOC.

Federal Express Corporation Employee No.

32498

DATE TIME For Federal Express Use

9/12 1543



SHIPPER'S COPY

"OVERNIGHT" IS NEXT BUSINESS DAY
(MONDAY THROUGH FRIDAY); TWO DAYS
FROM ALASKA/HAWAII. SATURDAY DELIV-
ERY AVAILABLE IN CONTINENTAL U.S.
SEE "SPECIAL HANDLING."

1. In tendering the shipment for carriage the shipper agrees to these TERMS AND CONDITIONS OF CONTRACT which no agent or employee of the parties may alter and that this Federal Express Airbill is NON-NEGOTIABLE and has been prepared by him or on his behalf by Federal Express.

2. The shipper agrees that carriage is subject to terms and conditions of contract stated herein and those terms and conditions which are also stated in the most recent Federal Express Service Guide, which is available for inspection and incorporated into this contract by reference.

3. In tendering the shipment for carriage, **THE SHIPPER WARRANTS** that the shipment is packaged adequately to protect the enclosed goods and to insure safe transportation with ordinary care and handling, and that each package is appropriately labeled and is in good order (except as noted) for carriage as specified.

4. When the destination of the shipment is not within the Federal Express air terminal zone as listed in the most recent Federal Express Service Guide, Federal Express makes no commitment with respect to time of delivery of the shipment.

5. In the event of international carriage of any shipment hereunder, the rules relating to liability established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air signed at Warsaw, Poland on October 12, 1929 shall apply to the carriage insofar as the same is governed thereby.

6. **DECLARED VALUE AND LIMITATION OF LIABILITY. THE LIABILITY OF FEDERAL EXPRESS IS LIMITED TO THE SUM OF \$100.00** unless a higher value is declared for carriage herein and a greater charge paid at the rate of 30¢ per \$100.00 value. The maximum higher declared value is \$5000.00. Shipments containing items of extraordinary value, including, but not limited to, drawings, paintings, sculptures, porcelain, ceramics, furs, fur clothing, fur trimmed clothing, jewelry, watches, gems, stones (precious or semi-precious, cut or uncut), industrial diamonds, costume jewelry, precious metals, gold, silver, (bullion, dust or precipitates), platinum (except as an integral part of electronic machinery), money, currency, coins, trading stamps, stocks, bonds, cash letters (or their equivalent) or other extraordinary valuable items, are limited to a maximum declared value of \$500.00. When multiple packages are placed on a single airbill but the shipper has not specified the declared value of each individual package, the declared value for each individual package will be determined by dividing the total declared value on the airbill by the number of packages indicated on the airbill, subject to a \$100.00 minimum declared value per individual package. The liability of Federal Express is limited to the declared value of the shipment or the amount of loss or damage actually sustained, whichever is lower.

Federal Express is not liable for loss, damage, delay, mis-delivery or non-delivery not caused by its own negligence or any loss, damage, delay, mis-delivery or non-delivery caused by the act, default or omission of the shipper, consignee, or any other party who claims interest in the shipment, the nature of the shipment or any defect, characteristic of inherent vice thereof; violation by the shipper or consignee of any of the conditions of contract contained in this airbill or in the Federal Express Service Guide, including, but not limited to, improper or insufficient packing, securing, marking or addressing, or failure to observe any of the rules relating to shipments not acceptable for transportation or shipments acceptable only under

certain conditions; acts of perils of the air, public enemies, public authorities acting with actual or apparent authority, authority of law, acts or omissions of customs or quarantine officials, riots, strikes or other local disputes, civil commotions, hazards incident to a state of war, weather conditions or mechanical delay of the aircraft or acts or omissions of any person other than FEC, including compliance with delivery instructions from the shipper or consignee. FEC shall not be liable for the loss of articles loaded and sealed in packages by the shipper provided the seal is unbroken at the time of delivery and the package retains its basic integrity. **FEDERAL EXPRESS SHALL NOT BE LIABLE IN ANY EVENT FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR INCOME WHETHER OR NOT FEDERAL EXPRESS HAD KNOWLEDGE THAT SUCH DAMAGES MIGHT BE INCURRED.**

7. **CLAIMS. WRITTEN NOTICE OF LOSS DUE TO DAMAGE, SHORTAGE OR DELAY MUST BE REPORTED BY THE SHIPPER WITHIN 15 DAYS AFTER THE DELIVERY OF THE SHIPMENT. WRITTEN NOTICE OF LOSS DUE TO NON-RECEIPT OF THE SHIPMENT OR CARRIAGE.** Written notification will be considered to have been made if the shipper calls and notifies the Customer Services Department at 800/238-5355 (in Tennessee 800/542-5171) and as soon as practicable thereafter files a written notification. Documentation of all claims other than overcharge claims must be submitted in writing to FEC within ninety (90) days after receipt of written notification. No claim for damage will be entertained until all transportation charges have been paid. The amount of a claim may not be deducted from the transportation charges. Receipt of the shipment by the consignee without written notification of damage on the delivery receipt shall be prima facie evidence that the shipment was delivered in good condition, except that in the case of claims for concealed damage which is not discovered at the time of delivery, the shipper shall notify FEC in writing as promptly as possible after the discovery thereof and in any event not later than 15 days from the date of delivery. The shipper must make the original shipping cartons and packing available for inspection by FEC. Claims for overcharges and refunds must be made in writing to FEC within twelve (12) months of the billing date. All claims must be filed by the shipper.

8. All shipments are subject to inspection by FEC, including but not limited to, opening the shipment. However, FEC is not obligated to perform such inspection.

9. C.O.D. services are not available and a C.O.D. shipment sent in error will be delivered as a normal pre-paid or collect shipment.

10. Federal Express carries no cargo liability insurance but maintains a separate fund for the satisfaction of cargo claims which may arise out of the carriage of cargo pursuant to the conditions of contract contained herein and in the most recent Federal Express Service Guide.

11. Notwithstanding the shipper's instructions to the contrary, the shipper shall be primarily liable for all costs and expenses related to the shipment of the package, and for costs incurred in either returning the shipment to the shipper or warehousing the shipment pending disposition.

12. Saturday Delivery: Recipient's phone number is required.

13. Federal Express assumes no responsibility for billing disputes resulting from inaccuracies contained in, or omissions from, the airbill.

**FEDERAL
EXPRESS**PLEASE COMPLETE ALL INFORMATION IN THE 5 BLOCKS OUTLINED IN ORANGE
SEE BACK OF FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS

AIRBILL NUMBER

778267501



YOUR FEDERAL EXPRESS ACCOUNT NUMBER

0981-1759-8

DATE

9/12/84

If Hold For Pick-Up or Saturday Delivery,
Recipient's Phone Number

COMPANY

DEPARTMENT/FLOOR NO.

STREET ADDRESS (P.O. BOX NUMBERS ARE NOT DELIVERABLE)

CITY

STATE

IN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT
F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL
OR CONSEQUENTIAL DAMAGES ARISING FROM
CARRIAGE HEREOF. F.E.C. DIS-ZIP ACCURATE ZIP CODE REQUIRED
FOR OVERNIGHT DELIVERY

100014

FEDERAL EXPRESS USE

FREIGHT CHARGES

DECLARED VALUE CHARGE

AGT/PRO ADVANCE ORIGIN

AGT/PRO ADVANCE DESTINATION

OTHER

TOTAL CHARGES

PART
#2041730751
REC-S-0751 D/O/B
REVISION DATE
2/83 \$
PRINTED U.S.A.

SHIPPER'S COPY

70981

FROM (Your Name)

COMPANY

DEPARTMENT/FLOOR NO.

STREET ADDRESS

CITY

STATE

AIRBILL NO. 778267501

ZIP ACCURATE ZIP CODE REQUIRED
FOR CORRECT INVOICING

98104

YOUR NOTES/REFERENCE NUMBERS (FIRST 12 CHARACTERS WILL ALSO APPEAR ON INVOICE)

PAYMENT ☐ Bill Shipper ☐ Bill Recipient's F.E.C. Acct. ☒ Bill 3rd Party F.E.C. Acct. ☐ Bill Credit Card☐ Cash In Advance

Account Number/Credit Card Number

0200-7751-4

SERVICES
CHECK ONLY ONE BOXDELIVERY AND SPECIAL HANDLING
CHECK SERVICES REQUIREDPACKAGES WEIGHT DECLARED
VALUE O/S

PRIORITY 1

OVERNIGHT LETTER

☐ OVERNIGHT PACKAGES
(Up to 70 LBS.)☐ (Up to 2 OZ.)

COURIER PAK

☐☐ OVERNIGHT ENVELOPE
(Up to 2 LBS.)☐☐ OVERNIGHT BOX
(Up to 5 LBS.)☐☐ OVERNIGHT TUBE
(Up to 5 LBS.)☐

STANDARD AIR

☐ DELIVERY 2ND BUSINESS
DAY FOLLOWING PICK-UP
(Up to 70 LBS.)☐ HOLD FOR PICK-UP AT FOLLOWING
FEDERAL EXPRESS LOCATION SHOWN
IN SERVICE GUIDE. RECIPIENT'S
PHONE NUMBER IS REQUIRED.☒ DELIVER☐ SATURDAY SERVICE REQUIRED
See Reverse (Extra charge applies for delivery.)☐ RESTRICTED ARTICLES SERVICE (P-1 and
Standard Air Packages only, extra charge)☐ SSS (Signature Security Service
required, extra charge applies)☐ DRY ICE LBS.☐ OTHER SPECIAL SERVICE

TOTAL TOTAL TOTAL

RECEIVED AT

☐ SHIPPER'S DOOR
☐ REGULAR STOP
☐ ON-CALL STOP
☐ F.E.C. LOC.

Federal Express Corporation Employee No.

DATE/TIME For Federal Express Use

"OVERNIGHT" IS NEXT BUSINESS DAY
(MONDAY THROUGH FRIDAY); TWO DAYS
FROM ALASKA/HAWAII. SATURDAY DELIV-
ERY AVAILABLE IN CONTINENTAL U.S.
SEE "SPECIAL HANDLING."

1. In tendering the shipment for carriage the shipper agrees to these TERMS AND CONDITIONS OF CONTRACT which no agent or employee of the parties may alter and that this Federal Express Airbill is NON-NEGOTIABLE and has been prepared by him or on his behalf by Federal Express.

2. The shipper agrees that carriage is subject to terms and conditions of contract stated herein and those terms and conditions which are also stated in the most recent Federal Express Service Guide, which is available for inspection and incorporated into this contract by reference.

3. In tendering the shipment for carriage, **THE SHIPPER WARRANTS** that the shipment is packaged adequately to protect the enclosed goods and to insure safe transportation with ordinary care and handling, and that each package is appropriately labeled and is in good order (except as noted) for carriage as specified.

4. When the destination of the shipment is not within the Federal Express air terminal zone as listed in the most recent Federal Express Service Guide, Federal Express makes no commitment with respect to time of delivery of the shipment.

5. In the event of international carriage of any shipment hereunder, the rules relating to liability established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air signed at Warsaw, Poland on October 12, 1929 shall apply to the carriage insofar as the same is governed thereby.

6. **DECLARED VALUE AND LIMITATION OF LIABILITY. THE LIABILITY OF FEDERAL EXPRESS IS LIMITED TO THE SUM OF \$100.00** unless a higher value is declared for carriage herein and a greater charge paid at the rate of 30¢ per \$100.00 value. The maximum higher declared value is \$5000.00. Shipments containing items of extraordinary value, including, but not limited to, drawings, paintings, sculptures, porcelain, ceramics, furs, fur clothing, fur trimmed clothing, jewelry, watches, gems, stones (precious or semi-precious, cut or uncut), industrial diamonds, costume jewelry, precious metals, gold, silver, (bullion, dust or precipitates), platinum (except as an integral part of electronic machinery), money, currency, coins, trading stamps, stocks, bonds, cash letters (or their equivalent) or other extraordinary valuable items, are limited to a maximum declared value of \$500.00. When multiple packages are placed on a single airbill but the shipper has not specified the declared value of each individual package, the declared value for each individual package will be determined by dividing the total declared value on the airbill by the number of packages indicated on the airbill, subject to a \$100.00 minimum declared value per individual package. The liability of Federal Express is limited to the declared value of the shipment or the amount of loss or damage actually sustained, whichever is lower.

Federal Express is not liable for loss, damage, delay, mis-delivery or non-delivery not caused by its own negligence or any loss, damage, delay, mis-delivery or non-delivery caused by the act, default or omission of the shipper, consignee, or any other party who claims interest in the shipment, the nature of the shipment or any defect, characteristic of inherent vice thereof; violation by the shipper or consignee of any of the conditions of contract contained in this airbill or in the Federal Express Service Guide, including, but not limited to, improper or insufficient packing, securing, marking or addressing, or failure to observe any of the rules relating to shipments not acceptable for transportation or shipments acceptable only under

certain conditions; acts of God, perils of the air, public enemies, public authorities acting with actual or apparent authority, authority of law, acts or omissions of customs or quarantine officials, riots, strikes or other local disputes, civil commotions, hazards incident to a state of war, weather conditions or mechanical delay of the aircraft or acts or omissions of any person other than FEC, including compliance with delivery instructions from the shipper or consignee. FEC shall not be liable for the loss of articles loaded and sealed in packages by the shipper provided the seal is unbroken at the time of delivery and the package retains its basic integrity. **FEDERAL EXPRESS SHALL NOT BE LIABLE IN ANY EVENT FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR INCOME WHETHER OR NOT FEDERAL EXPRESS HAD KNOWLEDGE THAT SUCH DAMAGES MIGHT BE INCURRED.**

7. **CLAIMS. WRITTEN NOTICE OF LOSS DUE TO DAMAGE, SHORTAGE OR DELAY MUST BE REPORTED BY THE SHIPPER WITHIN 15 DAYS AFTER THE DELIVERY OF THE SHIPMENT. WRITTEN NOTICE OF LOSS DUE TO NON-CEPTANCE OF THE SHIPMENT OR CARRIAGE.** Written notification will be considered to have been made if the shipper calls and notifies the Customer Services Department at 800/238-5355 (in Tennessee 800/542-5171) and as soon as practicable thereafter files a written notification. Documentation of all claims other than over-charge claims must be submitted in writing to FEC within ninety (90) days after receipt of written notification. No claim for damage will be entertained until all transportation charges have been paid. The amount of a claim may not be deducted from the transportation charges. Receipt of the shipment by the consignee without written notification of damage on the delivery receipt shall be prima facie evidence that the shipment was delivered in good condition, except that in the case of claims for concealed damage which is not discovered at the time of delivery, the shipper shall notify FEC in writing as promptly as possible after the discovery thereof and in any event not later than 15 days from the date of delivery. The shipper must make the original shipping cartons and packing available for inspection by FEC. Claims for overcharges and refunds must be made in writing to FEC within twelve (12) months of the billing date. All claims must be filed by the shipper.

8. All shipments are subject to inspection by FEC, including but not limited to, opening the shipment. However, FEC is not obligated to perform such inspection.

9. C.O.D. services are not available and a C.O.D. shipment sent in error will be delivered as a normal pre-paid or collect shipment.

10. Federal Express carries no cargo liability insurance but maintains a separate fund for the satisfaction of cargo claims which may arise out of the carriage of cargo pursuant to the conditions of contract contained herein and in the most recent Federal Express Service Guide.

11. Notwithstanding the shipper's instructions to the contrary, the shipper shall be primarily liable for all costs and expenses related to the shipment of the package, and for costs incurred in either returning the shipment to the shipper or warehousing the shipment pending disposition.

12. Saturday Delivery: Recipient's phone number is required.

13. Federal Express assumes no responsibility for billing disputes resulting from inaccuracies contained in, or omissions from, the airbill.



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office

P.O. Box 818, Alexandria, VA 22304-703/557-2490 • FTS/557-2490

Sample Number

MJ 9045**INORGANICS TRAFFIC REPORT**

① Case Number: 3206
Sample Site Name/Code:

Resource Recovery Corp.
Well #3 (down gradient)
/FI-108408-22

② SAMPLE CONCENTRATION

X (Check One)
Low Concentration
Medium Concentration

③ SAMPLE MATRIX

X (Check One)
Water
Soil/Sediment

④ Ship To:

CHEM TECH
360 W. 11th St.
NY, NY 10014

Attn: David Williams

Transfer
Ship To:

⑤ Sampling Office: EVE I

Sampling Personnel:

(Name) Brooks/Foxes

(Phone) (206) 674-9537

Sampling Date: 9/12/84

(Begin) 1430 (End) ---

⑥ Shipping Information:

Name Of Carrier:

Federal Express

Date Shipped: 9/12/84

Airbill Number: 778267501

⑦ Sample Description:

(Check One)

--- Surface Water
X Ground Water
--- Leachate
--- Mixed Media
--- Solids
--- Other _____

(specify)

MATCHES ORGANIC SAMPLE NO. J2271

⑧ Mark Volume Level
On Sample Bottle

Check Analysis required

X Task 1 & 2
X Task 3 Ammonia
Sulfide
Cyanide

--- TOC
--- Fluoride & pH

REGIONAL OFFICE FILE COPY

GENERAL DIRECTIONS

1. Use only the materials provided to record sample information.
2. Familiarize yourself with all types of information requested of you, and fill in this information completely for each sample taken.
3. Press firmly with ball point pen or pencil, and make sure all information is transferred to carbon pages.
4. Where Inorganic Traffic Reports (ITR) must be mailed, be sure that all sheets are sent to the correct addressee.
5. These instructions, as well as the address and phone number of the HWI Sample Management Office (SMO) are reproduced for your convenience on the back of each page of the ITR's.
6. Relate any problems and/or questions concerning SMO procedures or the use of ITR's to the HWI Sample Management Office at (703) 557-2490.

SAMPLER DIRECTIONS

1. Note that a separate prenumbered Inorganics Traffic Report must be completed for each point sampled during a given site visit.
2. Fill in all information requested relating to an individual sampling point (Items 1-8). Complete Items 2 and 3, indicating sample concentration and matrix. Note: samples of different concentrations may be assigned to different Inorganics laboratories, so mark samples and Traffic Reports carefully. If the concentration of a sample is in doubt, contact the Sampling Coordinator.
3. Mark volume level on all sample containers, and identify each container using the appropriate pre-printed label provided. Where necessary, protect the label from water and solvent attack with clear plastic tape.
4. Fill in shipping information requested in Item 6. Immediately upon sample shipment, be sure to notify SMO of all relevant shipping information including shipping date/time, air carrier, airbill numbers, total number of samples taken and containers shipped, and ETA at the laboratory.
5. Send the first page of each ITR (white copy) to the HWI Sample Management Office. Retain the second page (pink copy) for your files.
6. Insert the remaining two copies (white and yellow) of the ITR in a waterproof Ziploc bag and ship along with the corresponding samples to the designated IFB laboratory.



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818, Alexandria, VA 22304-703 / 557-2490 • FTS / 557-2490

Sample Number

MJ 9044

INORGANICS TRAFFIC REPORT

① Case Number: 3206

Sample Site Name/Code:

Resource Recovery
Corp. / BLANK /
FT-~~108408~~-22

② SAMPLE CONCENTRATION

(Check One)

☒ Low Concentration
☐ Medium Concentration

③ SAMPLE MATRIX

(Check One)

☒ Water
☐ Soil/Sediment

④ Ship To:

Chem Tech
360 W. 11th St.
NY, NY 10014

Attn: DAVID WILLIAMS

Transfer

Ship To:

⑤ Sampling Office: F+E I

Sampling Personnel:

(Name) BROOKS / FOOLS

(Phone) (206) 624-9537

Sampling Date: 9/12/84

(Begin) 1075 (End) 1015

⑥ Shipping Information:

Name Of Carrier:

FEDERAL EXPRESS

Date Shipped: 9/12/84

Airbill Number: 778267501

⑦ Sample Description:

(Check One)

☐ Surface Water
☐ Ground Water
☐ Leachate
☐ Mixed Media
☐ Solids
☒ Other BLANK

(specify)

⑧ Mark Volume Level

On Sample Bottle

Check Analysis required

☒ Task 1 & 2
☒ Task 3 Ammonia
Sulfide
Cyanide

☐ TOC
☐ Fluoride & pH

MATCHES ORGANIC SAMPLE NO. J4549

GENERAL DIRECTIONS

1. Use only the materials provided to record sample information.
2. Familiarize yourself with all types of information requested of you, and fill in this information completely for each sample taken.
3. Press firmly with ball point pen or pencil, and make sure all information is transferred to carbon pages.
4. Where Inorganic Traffic Reports (ITR) must be mailed, be sure that all sheets are sent to the correct addressee.
5. These instructions, as well as the address and phone number of the HWI Sample Management Office (SMO) are reproduced for your convenience on the back of each page of the ITR's.
6. Relate any problems and/or questions concerning SMO procedures or the use of ITR's to the HWI Sample Management Office at (703) 557-2490.

SAMPLER DIRECTIONS

1. Note that a separate prenumbered Inorganics Traffic Report must be completed for each point sampled during a given site visit.
2. Fill in all information requested relating to an individual sampling point (Items 1-8). Complete Items 2 and 3, indicating sample concentration and matrix. Note: samples of different concentrations may be assigned to different Inorganics laboratories, so mark samples and Traffic Reports carefully. If the concentration of a sample is in doubt, contact the Sampling Coordinator.
3. Mark volume level on all sample containers, and identify each container using the appropriate pre-printed label provided. Where necessary, protect the label from water and solvent attack with clear plastic tape.
4. Fill in shipping information requested in Item 6. Immediately upon sample shipment, be sure to notify SMO of all relevant shipping information including shipping date/time, air carrier, airbill numbers, total number of samples taken and containers shipped, and ETA at the laboratory.
5. Send the first page of each ITR (white copy) to the HWI Sample Management Office. Retain the second page (pink copy) for your files.
6. Insert the remaining two copies (white and yellow) of the ITR in a waterproof Ziploc bag and ship along with the corresponding samples to the designated IFB laboratory.



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office

P.O. Box 818, Alexandria, VA 22304-703/557-2490 • FTS/557-2490

Sample Number

MJ 9043**INORGANICS TRAFFIC REPORT**

① Case Number: 3206
Sample Site Name/Code:

Control Well - Resource
Remedy Corp.
FT-10840E-22

② SAMPLE CONCENTRATION

(Check One)
☒ Low Concentration
☐ Medium Concentration

③ SAMPLE MATRIX
(Check One)

☒ Water
☐ Soil/Sediment

④ Ship To:

Chem Tech
360 W. 11th St.
NY, NY 10014

Attn: DAVID WILLIAMS

Transfer
Ship To:

⑤ Sampling Office: E4E, K

Sampling Personnel:

(Name) BROOKS/EDGES

(Phone) (202) 624-9537

Sampling Date: 9/12/84

(Begin) 1030 (End)

⑥ Shipping Information:

Name Of Carrier:

Federal Express

Date Shipped: 9/12/84

Airbill Number: 778267501

⑦ Sample Description:

(Check One)

☐ Surface Water
☒ Ground Water
☐ Leachate
☐ Mixed Media
☐ Solids
☐ Other _____

(specify)

MATCHES ORGANIC SAMPLE NO. J4548

⑧ Mark Volume Level
On Sample Bottle

Check Analysis required

☒ Task 1 & 2
☒ Task 3 Ammonia
Sulfide
Cyanide

☐ TOC
☐ Fluoride & pH

REGIONAL OFFICE FILE COPY

GENERAL DIRECTIONS

1. Use only the materials provided to record sample information.
2. Familiarize yourself with all types of information requested of you, and fill in this information completely for each sample taken.
3. Press firmly with ball point pen or pencil, and make sure all information is transferred to carbon pages.
4. Where Inorganic Traffic Reports (ITR) must be mailed, be sure that all sheets are sent to the correct addressee.
5. These instructions, as well as the address and phone number of the HWI Sample Management Office (SMO) are reproduced for your convenience on the back of each page of the ITR's.
6. Relate any problems and/or questions concerning SMO procedures or the use of ITR's to the HWI Sample Management Office at (703) 557-2490.

SAMPLER DIRECTIONS

1. Note that a separate prenumbered Inorganics Traffic Report must be completed for each point sampled during a given site visit.
2. Fill in all information requested relating to an individual sampling point (Items 1-8). Complete Items 2 and 3, indicating sample concentration and matrix. Note: samples of different concentrations may be assigned to different Inorganics laboratories, so mark samples and Traffic Reports carefully. If the concentration of a sample is in doubt, contact the Sampling Coordinator.
3. Mark volume level on all sample containers, and identify each container using the appropriate pre-printed label provided. Where necessary, protect the label from water and solvent attack with clear plastic tape.
4. Fill in shipping information requested in Item 6. Immediately upon sample shipment, be sure to notify SMO of all relevant shipping information including shipping date/time, air carrier, airbill numbers, total number of samples taken and containers shipped, and ETA at the laboratory.
5. Send the first page of each ITR (white copy) to the HWI Sample Management Office. Retain the second page (pink copy) for your files.
6. Insert the remaining two copies (white and yellow) of the ITR in a waterproof Ziploc bag and ship along with the corresponding samples to the designated IFB laboratory.

INORGANICS TRAFFIC REPORT

7 3043



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818, Alexandria, Virginia 22304-8113 • 703/557-2490 • FTS/557-2490

Sample Number

J 4549

ORGANICS TRAFFIC REPORT

① Case Number: <u>3206</u>		② SAMPLE CONCENTRATION (Check One) <input checked="" type="checkbox"/> Low Concentration <input type="checkbox"/> Medium Concentration		④ Ship To: <u>Pedco Environ. Inc.</u> <u>11499 Chester Rd.</u> <u>Cinn., OH. 45246</u> Attn: <u>Bill Jess</u>																			
Sample Site Name/Code: <u>BLANK</u> <u>Resource Recovery</u> <u>Corp / FT-108402-</u> <u>22</u>		③ SAMPLE MATRIX (Check One) <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil/Sediment		Transfer Ship To:																			
⑤ Regional Office: <u>EPA</u> Sampling Personnel: <u>Brooks / Evers</u> (Name) <u>(206) 624-9537</u> (Phone) Sampling Date: <u>9/12/84</u> <u>1030</u> <u>1015</u> <u>1015</u> (Begin) (End)		⑥ For each sample collected specify number of containers used and mark volume level on each bottle. <table border="1"><thead><tr><th></th><th>Number of Containers</th><th>Approximate Total Volume</th></tr></thead><tbody><tr><td>Water (Extractable)</td><td><u>2</u></td><td><u>19A1.</u></td></tr><tr><td>Water (VOA)</td><td><u>2</u></td><td><u>80-ml.</u></td></tr><tr><td>Soil/Sediment</td><td></td><td></td></tr><tr><td>Water (Ext/VOA)</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr></tbody></table>			Number of Containers	Approximate Total Volume	Water (Extractable)	<u>2</u>	<u>19A1.</u>	Water (VOA)	<u>2</u>	<u>80-ml.</u>	Soil/Sediment			Water (Ext/VOA)			Other				
	Number of Containers	Approximate Total Volume																					
Water (Extractable)	<u>2</u>	<u>19A1.</u>																					
Water (VOA)	<u>2</u>	<u>80-ml.</u>																					
Soil/Sediment																							
Water (Ext/VOA)																							
Other																							
⑦ Shipping Information <u>Federal Express</u> Name of Carrier <u>9/12/84</u> Date Shipped: <u>778267490</u> Airbill Number:																							
⑧ Sample Description <input type="checkbox"/> Surface Water <input type="checkbox"/> Mixed Media <input type="checkbox"/> Ground Water <input type="checkbox"/> Solids <input type="checkbox"/> Leachate <input checked="" type="checkbox"/> Other (specify) <u>BLANK</u>																							
⑩ Special Handling Instructions: (e.g., safety precautions, hazardous nature) <u>Full EP SCAN</u>		⑨ Sample Location <u>TRANSFER BLANK</u> <u>6/11</u>																					

REGIONAL OFFICE FILE COPY

U.S. ENVIRONMENTAL PROTECTION AGENCY
Hazardous Waste Investigation
Sample Management Office
P.O. Box 818
Alexandria, Virginia 22313
Phone: (703) 557-2490/FTS-8-557-2490

General Directions

1. Use only the materials provided to record sample information.
2. Familiarize yourself with all types of information requested of you, and fill in this information completely for each sample taken.
3. Press firmly with ball point pen or pencil, and make sure all information is transferred to carbon pages.
4. Where Organic Traffic Reports (OTR) must be mailed, be sure that all sheets are sent to the correct addressee.
5. These instructions, as well as the address and phone number of the HWI Sample Management Office (SMO) are reproduced for your convenience on the back of each page of the OTR's.
6. Relate any problems and/or questions concerning SMO procedures or the use of OTR's to the HWI Sample Management Office at (703) 557-2490.

Sampler Directions

1. Note that a separate prenumbered Organics Traffic Report must be completed for each point sampled during a given site visit.
2. Fill in all information requested relating to an individual sampling point (Items 1-10). Complete Items 2 and 3, indicating sample concentration and matrix. Note: samples of different concentrations may be assigned to different Organics laboratories, so mark samples and Traffic Reports carefully. If the concentration of a sample is in doubt, contact the Regional DPO.
3. Mark volume level on all sample containers, and identify each container using the appropriate pre-printed label provided. Where necessary, protect the label from water and solvent attack with clear plastic tape.
4. For samples containing especially hazardous substances, indicate any special handling instructions in the space provided in Item 10, and attach a separate tag bearing the appropriate SMO Sample ID number in addition to the label provided.
5. Fill in shipping information requested in Item 7. Immediately upon sample shipment, be sure to notify SMO of all relevant shipping information including shipping date/time, air carrier, airbill numbers, total number of samples taken and containers shipped, and ETA at the laboratory.
6. Send the first page of each OTR (white copy) to the HWI Sample Management Office. Retain the second page (pink copy) for your files.
7. Insert the remaining two copies (white and yellow) of the OTR in a waterproof Ziploc bag and ship along with the corresponding samples to the designated IFB laboratory.



U.S. ENVIRONMENTAL PROTECTION AGENCY HWI Sample Management Office
P.O. Box 818, Alexandria, Virginia 22304-8113-703/557-2490 • FTS/557-2490

Sample Number

J 4548

ORGANICS TRAFFIC REPORT

① Case Number:

3206

Sample Site Name/Code:

Control Well -
Resource Recovery
Corp / FE-105408-22

② SAMPLE CONCENTRATION

(Check One)

☒ Low Concentration
☐ Medium Concentration

③ SAMPLE MATRIX

(Check One)

☒ Water
☐ Soil/Sediment

④ Ship To:

Pedco Environ. Inc.
11499 Chester Rd.
Cinn., OH 45246
Attn: Bill Jess

Transfer

Ship To:

⑤ Regional Office: ETL

Sampling Personnel:

BROOKS / EVANS
(Name)
(206) 624-9537
(Phone)

Sampling Date: 9/12/84
1030
(Begin) (End)

⑥ For each sample collected specify number of containers used and mark volume level on each bottle.

	Number of Containers	Approximate Total Volume
Water (Extractable)	2	1 gal.
Water (VOA)	2	80-ml

⑦ Shipping Information

Federal Express
Name of Carrier
9/12/84
Date Shipped:
778267490
Airbill Number:

Soil/Sediment

Water
(Ext/VOA)

Other

⑧ Sample Description

☐ Surface Water ☐ Mixed Media
☒ Ground Water ☐ Solids
☐ Leachate ☐ Other (specify) _____

⑨ Sample Location

Control Well -
upgradient of Resource
Recovery Corp.

⑩ Special Handling Instructions:

(e.g., safety precautions, hazardous nature)

Full E.P. Scan

REGIONAL OFFICE FILE COPY

U.S. ENVIRONMENTAL PROTECTION AGENCY
Hazardous Waste Investigation
Sample Management Office
P.O. Box 818
Alexandria, Virginia 22313
Phone: (703) 557-2490/FTS-8-557-2490

General Directions

1. Use only the materials provided to record sample information.
2. Familiarize yourself with all types of information requested of you, and fill in this information completely for each sample taken.
3. Press firmly with ball point pen or pencil, and make sure all information is transferred to carbon pages.
4. Where Organic Traffic Reports (OTR) must be mailed, be sure that all sheets are sent to the correct addressee.
5. These instructions, as well as the address and phone number of the HWI Sample Management Office (SMO) are reproduced for your convenience on the back of each page of the OTR's.
6. Relate any problems and/or questions concerning SMO procedures or the use of OTR's to the HWI Sample Management Office at (703) 557-2490.

Sampler Directions

1. Note that a separate prenumbered Organics Traffic Report must be completed for each point sampled during a given site visit.
2. Fill in all information requested relating to an individual sampling point (Items 1-10). Complete Items 2 and 3, indicating sample concentration and matrix. Note: samples of different concentrations may be assigned to different Organics laboratories, so mark samples and Traffic Reports carefully. If the concentration of a sample is in doubt, contact the Regional DPO.
3. Mark volume level on all sample containers, and identify each container using the appropriate pre-printed label provided. Where necessary, protect the label from water and solvent attack with clear plastic tape.
4. For samples containing especially hazardous substances, indicate any special handling instructions in the space provided in Item 10, and attach a separate tag bearing the appropriate SMO Sample ID number in addition to the label provided.
5. Fill in shipping information requested in Item 7. Immediately upon sample shipment, be sure to notify SMO of all relevant shipping information including shipping date/time, air carrier, airbill numbers, total number of samples taken and containers shipped, and ETA at the laboratory.
6. Send the first page of each OTR (white copy) to the HWI Sample Management Office. Retain the second page (pink copy) for your files.
7. Insert the remaining two copies (white and yellow) of the OTR in a waterproof Ziploc bag and ship along with the corresponding samples to the designated IFB laboratory.



J 2271

ORGANICS TRAFFIC REPORT

① Case Number:

3206

Sample Site Name/Code:

Resource Recovery
Corp - Well #3
(down gradient) /
FI-108408-22

② SAMPLE CONCENTRATION

(Check One)

☒ Low Concentration
☐ Medium Concentration

③ SAMPLE MATRIX

(Check One)

☒ Water
☐ Soil/Sediment

④ Ship To:

Pedco Environ Inc
11499 Chester Rd.
Cinn., OH. 45246

Attn: Bill Jess

Transfer

Ship To:

⑤ Regional Office: ETE B

Sampling Personnel:

Brooks / Evers

(Name)

(206) 624-9537

(Phone)

Sampling Date: 9/12/84

1430

(Begin)

(End)

⑥ For each sample collected specify number of containers used and mark volume level on each bottle.

	Number of Containers	Approximate Total Volume
Water (Extractable)	2	194l.
Water (VOA)	2	80-ml
Soil/Sediment		
Water (Ext/VOA)		
Other		

⑦ Shipping Information

Federal Express

Name of Carrier

9/12/84

Date Shipped:

778267490

Airbill Number:

⑧ Sample Description

☐ Surface Water ☐ Mixed Media
☒ Ground Water ☐ Solids
☐ Leachate ☐ Other (specify) _____

⑨ Sample Location

Well #3 -
Down gradient

⑩ Special Handling Instructions:

(e.g., safety precautions, hazardous nature)

Full EP SCAN

U.S. ENVIRONMENTAL PROTECTION AGENCY
Hazardous Waste Investigation
Sample Management Office
P.O. Box 818
Alexandria, Virginia 22313
Phone: (703) 557-2490/FTS-8-557-2490

General Directions

1. Use only the materials provided to record sample information.
2. Familiarize yourself with all types of information requested of you, and fill in this information completely for each sample taken.
3. Press firmly with ball point pen or pencil, and make sure all information is transferred to carbon pages.
4. Where Organic Traffic Reports (OTR) must be mailed, be sure that all sheets are sent to the correct addressee.
5. These instructions, as well as the address and phone number of the HWI Sample Management Office (SMO) are reproduced for your convenience on the back of each page of the OTR's.
6. Relate any problems and/or questions concerning SMO procedures or the use of OTR's to the HWI Sample Management Office at (703) 557-2490.

Sampler Directions

1. Note that a separate prenumbered Organics Traffic Report must be completed for each point sampled during a given site visit.
2. Fill in all information requested relating to an individual sampling point (Items 1—10). Complete Items 2 and 3, indicating sample concentration and matrix. Note: samples of different concentrations may be assigned to different Organics laboratories, so mark samples and Traffic Reports carefully. If the concentration of a sample is in doubt, contact the Regional DPO.
3. Mark volume level on all sample containers, and identify each container using the appropriate pre-printed label provided. Where necessary, protect the label from water and solvent attack with clear plastic tape.
4. For samples containing especially hazardous substances, indicate any special handling instructions in the space provided in Item 10, and attach a separate tag bearing the appropriate SMO Sample ID number in addition to the label provided.
5. Fill in shipping information requested in Item 7. Immediately upon sample shipment, be sure to notify SMO of all relevant shipping information including shipping date/time, air carrier, airbill numbers, total number of samples taken and containers shipped, and ETA at the laboratory.
6. Send the first page of each OTR (white copy) to the HWI Sample Management Office. Retain the second page (pink copy) for your files.
7. Insert the remaining two copies (white and yellow) of the OTR in a waterproof Ziploc bag and ship along with the corresponding samples to the designated IFB laboratory.

CHAIN OF CUSTODY RECORD

REMARKS

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

10- 1283

[illegible]

1. Cost Center CH-633-10	REM/FIT ZONE II CONTRACT CONTRACT NO. 68-01-6692 TECHNICAL DIRECTIVE DOCUMENT (TDD)				2. A No. <u>R10-8408-22</u>
1A. Account No.					
3. Priority: <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	4. Estimate of Technical Hours 60	5. EPA Site ID WAD 991281874	6. Completion Date: 11/30*	7. Reference Info: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Pick Up	
8. General Task Description: <u>Perform site inspection of Resource Recovery Corp., Pasco, WA</u> <hr/> <hr/> <hr/>					
9. Specific Elements: <ul style="list-style-type: none"> 1) <u>Review EPA and State agency files as appropriate</u> 2) <u>Review background literature on manufacturing processes and industries</u> 3) <u>Set up appointments--coordinate with D. Flood, EPA 442-2722 and Ned Therien, DOE 459-6352</u> 4) <u>Collect grab samples as appropriate</u> 5) <u>Prepare EPA Form 2070-13 with narrative summary and photo documentation</u> 6) <u>Prepare HRS if site has observed release or potential release</u> 7) <u>Prepare detailed sampling work plan if site requires additional investigation</u> 					10. Interim Deadlines <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <div style="text-align: center;">9/30/84</div> <hr/> <div style="text-align: center;">11/30</div>
11. Desired Report Form: <input type="checkbox"/> Formal Report <input type="checkbox"/> Letter Report <input type="checkbox"/> Formal Briefing Other (Specify): <u>EPA Form 2070-13 w/narrative summary</u>					
12. Comments: <u>Form 2070-13 submitted by 9/30/84; site specific HRS scoring and investigative work plans submitted as necessary by 11/30.</u> <hr/>					
13. Authorizing RPO: <u>William B. Schmidt</u> (Signature)				14. Date: <u>8/10/84</u>	
15. Received By: <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted with Exceptions <input type="checkbox"/> Rejected <u>D. A. Bunch</u> (Contractor RPM Signature)				16. Date: <u>8/8/84</u>	